

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**TENTATIVE ADDENDUM NO. 1
TO
ORDER NO. 97- 03**

**AN ADDENDUM TO ADD THE SOLANA BEACH HYDROLOGIC AREA
TO
WASTE DISCHARGE AND WATER RECYCLING REQUIREMENTS
FOR THE PRODUCTION AND PURVEYANCE
OF RECYCLED WATER**

**FOR THE
CITY OF SAN DIEGO
NORTH CITY WATER RECLAMATION PLANT
SAN DIEGO COUNTY**

The California Regional Water Quality Control Board, San Diego Region (Regional Board) finds that:

1. On January 9, 1997, this Regional Board adopted Order No. 97-03, Waste Discharge and Water Recycling Requirements for the Production and Purveyance of Recycled Water for the City of San Diego North City Water Reclamation Plant (NCWRP), authorizing purveyance of recycled water to the following hydrologic areas (HA): Miramar Reservoir HA (906.1); the western portion of the Poway HA (906.2); Scripps HA (906.3); Miramar HA (906.4); Tecolote HA (906.5); and Mission San Diego HA (907.11).
2. By letter dated January 24, 2003, the City requested modification of Order No. 97-03 to allow purveyance of recycled water from the NCWRP to additional hydrologic areas to be serviced after completion of its Black Mountain Ranch Phase 1 Project. The City has applied to the State Water Resources Control Board's Water Recycling Construction Program for grant funds for the project. This addendum is a prerequisite to final disbursement of those funds. As part of the Black Mountain Ranch Phase 1 Project, the City plans to distribute recycled water produced at the NCWRP to an additional hydrologic area, Solana Beach HA (905.10).
3. The requirements contained in Order No. 97-03 as modified by this Addendum are consistent with the policies and the implementation programs described in the Water Quality Control Plan for the San Diego Basin (9) because the use of the tertiary treated wastewater from NCWRP in the Solana Beach HA will not cause or contribute to exceedances of the water quality objectives of the Solana Beach HA.

4. By letter dated November 21, 2002, the City submitted a copy of its Updated Water Reclamation Master Plan dated December 2000. The document provides an updated review of the City's existing recycled water program and plans for its expansion to meet the City's beneficial reuse goals. According to the City, an Environmental Impact Report was prepared and certified as compliant with the California Environmental Quality Act (CEQA) by the City Council in November 2002.
5. Olivenhain Municipal Water District (OMWD) has expressed interest in purchasing recycled water produced at the NCWRP for purveyance within the Solana Beach HA. OMWD is currently authorized to distribute recycled water produced at 4-S Ranch Water Pollution Control Facility to the Solana Beach HA. OMWD must obtain revised waste discharge and water recycling requirements from the Regional Board prior to the distribution and use of recycled water produced at the NCWRP to the Solana Beach HA.
6. The issuance of waste discharge requirements for this discharge is exempt from the requirement of preparation of environmental documents under the California Environmental Quality Act [Public Resources Code, Division 13, Chapter 3, Section 21000 *et seq.*] in accordance with Section 13389 of the California Water Code.
7. According to Section 13383(e) of the California Water Code, the Regional Board may, upon application by any affected person, or on its own motion, review and revise waste discharge requirements.
8. The Regional Board has notified all interested parties of its intent to modify Order No. 97-03.
9. The Regional Board in a public hearing on June 11, 2003 heard and considered all comments pertaining to the modification of Order No. 97-03.

IT IS HEREBY ORDERED THAT Order No. 97-03 be modified as follows:

1. The following beneficial uses of ground water in the the Solana Beach HA (905.10) are added to Finding No. 7 of Order No. 97-03:

BENEFICIAL USES IDENTIFIED IN THE BASIN PLAN								
HYDROLOGIC AREAS AND SUBAREAS			FOOTNOTES	M U N	A G R	I N D	P R O C	F R S H
5.10	Solana Beach	HA	B	•	•	•		

HA = Hydrologic Area
• = Existing Beneficial Use

Footnotes:

- B These beneficial uses do not apply westerly of the easterly boundary of the right-of-way of Interstate Highway 5 and this area is excepted from the sources of drinking water policy. The beneficial uses for the remainder of the hydrologic area are as shown.

2. The following ground water quality objectives for the Solana Beach HA (905.10) are added to Finding No. 8 of Order No. 97-03:

BASIN PLAN GROUNDWATER WATER QUALITY OBJECTIVES													
(Concentrations not to be exceeded more than 10% of the time during any one year period)													
(mg/L or as noted)													
HYDROLOGIC AREAS AND SUBAREAS	F O O T N O T E	TDS	CL	SO4	% Na	N03	Fe	Mn	M B A S	B	TURB NTU	COL- OR UNITS	F
5.00 San Dieguito Hydrologic Unit													
5.10 Solana Beach HA	A	1500 F	500 F	500 F	60	45 F	0.85 F	0.15 F	0.5	0.75 F	5	15	1.0

Footnotes:

- A The water quality objectives do not apply westerly of the easterly boundary of Interstate Highway 5. The objectives for the remainder of the hydrologic area are as shown.
- F Detailed salt balance studies are recommended for this area to determine limiting mineral concentration levels for discharge. On the basis of existing data, the tabulated objectives would probably be maintained in most areas. Upon completion of the salt balance studies, significant water quality objective revisions maybe be necessary. In the interim period of time, projects of ground water recharge with water quality inferior to the tabulated numerical values may be permitted following individual review and approval by the Regional Board if such projects do not degrade existing ground water quality to the aquifers affected by the recharge.

I, John H. Robertus, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Addendum adopted by the California Regional Water Quality Control Board, San Diego Region on June 11, 2003.

TENTATIVE_____

JOHN H. ROBERTUS
Executive Officer